National Metallic Sash Co

Catalog No. 3

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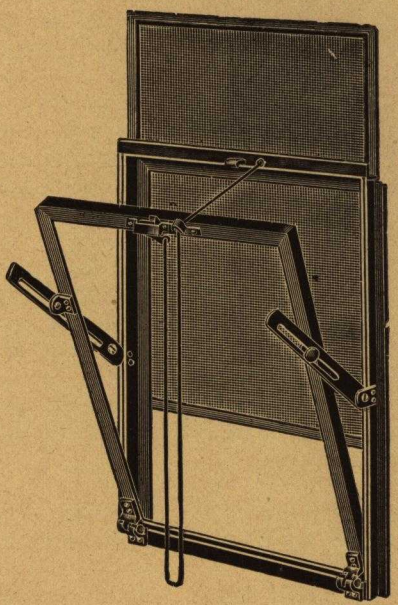
Catalog No. 3
1925

National Metallic Sash Co.

Mfrs. of
Church and Prism Ventilators,
Casements, Domes and Canopies.
Sash Bars for Art Glass Windows.

"The Weathertight Special" Ventilator

(Patented Oct. 27, 1917)



THIS latest improved ventilator fills the requirements of an absolutely weathertight movable frame, suitable for churches and all kinds of window openings where ventilation is required.

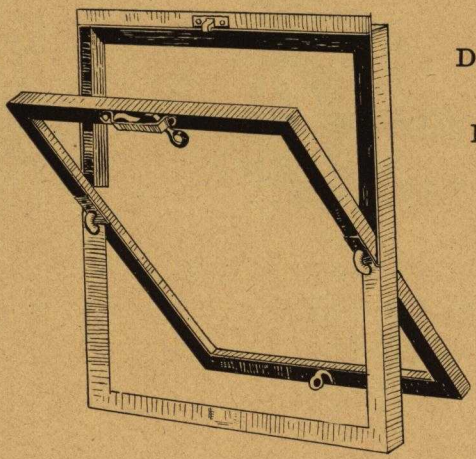
It is conceded by Architects and glass setters to be the only ventilator on the market that fills a long felt want.

For double glazing a parting stop is provided to divide the outside glass from the inside glass, and is usually made from ½" to 1" in width, creating an air space between the glasses which prevents any possibility of condensation, the surfaces of the glass will be absolutely dry at all seasons.

For church windows the outside glass should be ¼" rough plate. This glass will not obstruct the view of the leaded glass seen from the outside of the building, it will diffuse and transmit the light, is a protection against hail storms and ordinary missiles, resists wind pressure, is a means of keeping the interior of the building warmer in winter, thereby saving in fuel and will keep the interior of the building cooler in summer, as the rays of the sun are modified having to penetrate through two thicknesses of glass.

The screen attached to the outside of ventilating frame prevents all insects from entering the building when ventilator is open, thereby insuring the comfort of those occupying the building.

Double Bottom Ventilators

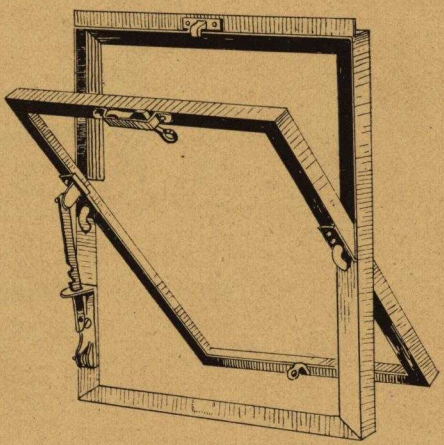


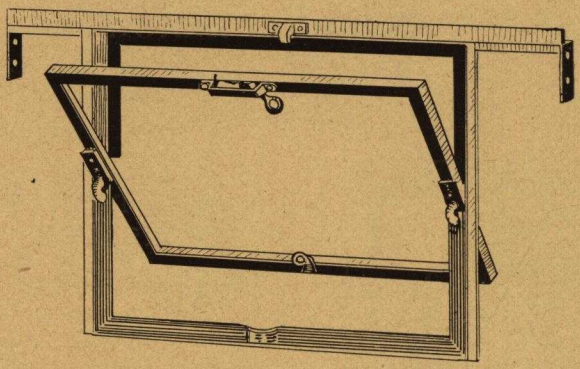
DOUBLE BOTTOM
VENTILATOR

For Single Glazing.

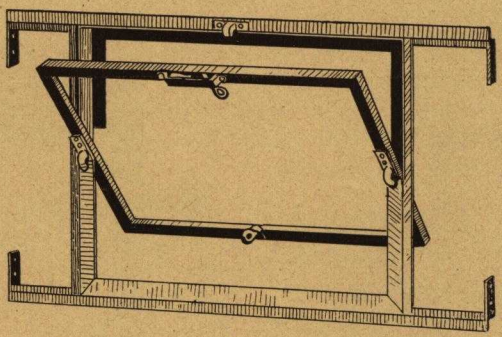
DOUBLE BOTTOM
VENTILATOR

With our
Patent Automatic
Adjusting Bar.



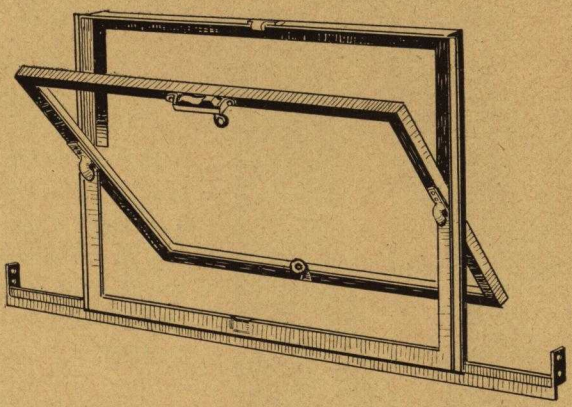


BOTTOM EXTENSION VENTILATOR
For Single Glazing.

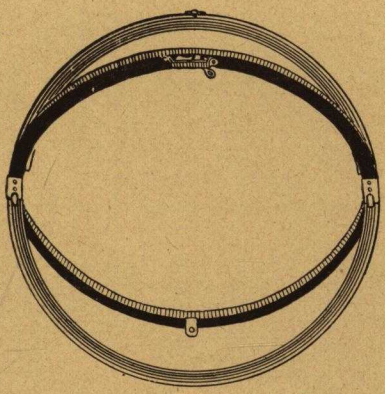


MIDDLE EXTENSION VENTILATOR
For Single Glazing.

Extension Ventilators are generally used for wide windows.

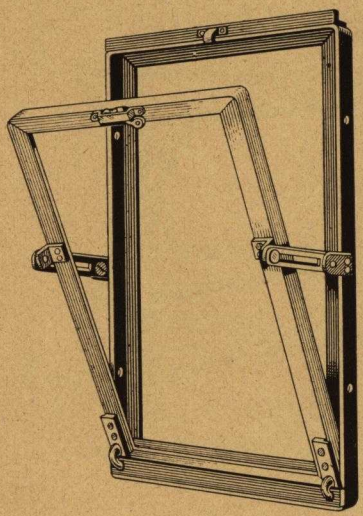


TOP EXTENSION VENTILATOR
For Single Glazing.



CIRCLE VENTILATOR
For Single Glazing.

We also make Circular Ventilators for Double Glazing.



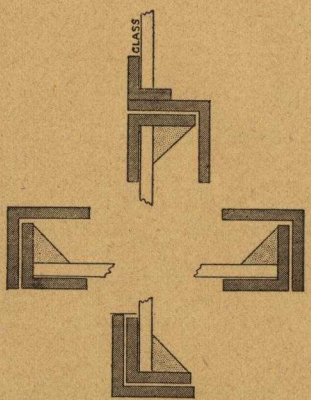
Church Ventilator

Cleveland Special
Style.

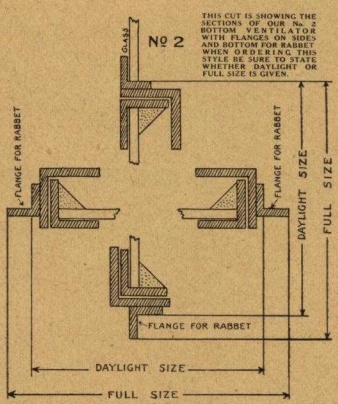
Our *Cleveland Special* is a ventilator of our own designing, the outlines of which were suggested to us by one of the leading architectural firms in the country.

It is intended for Single or Double Glazing, is hinged at the bottom in such manner as to permit the placing of a flat screen on the outside, without interference when ventilator is opened.

Full details and prices will be furnished to Art Glass firms securing contracts where these ventilators are specified.



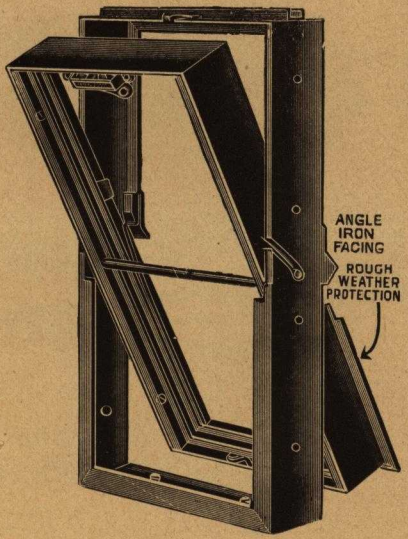
No. 1. This Cut is showing section of a Bottom Ventilator.


Nº 2
THIS CUT IS SHOWING THE SECTIONS OF OUR No. 2 BOTTOM VENTILATOR WITH FLANGES ON SIDES AND BOTTOM FOR RABBET WHEN ORDERING THIS STYLE BE SURE TO STATE WHETHER DAYLIGHT OR FULL SIZE IS GIVEN.
GLASS
FLANGE FOR RABBET
FLANGE FOR RABBET
DAYLIGHT SIZE
FULL SIZE
FLANGE FOR RABBET
DAYLIGHT SIZE
FULL SIZE

National Special

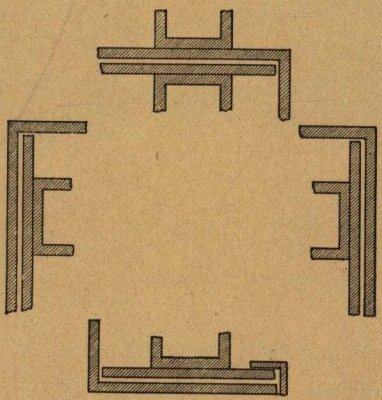
D. D. Ventilator

Our Ventilators for double glazing are manufactured in two grades, Regular and Special. This cut represents our Special grade,—the highest grade ventilator on the market today; note angle iron facing for rough weather protection; also square iron screwed into frame with strengthening bar in position. This makes a much neater job.

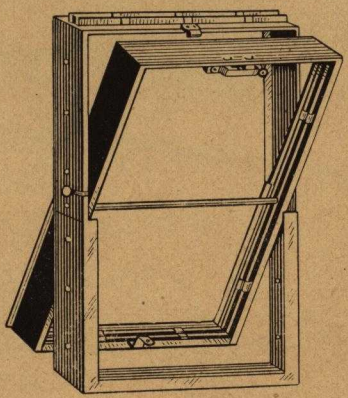


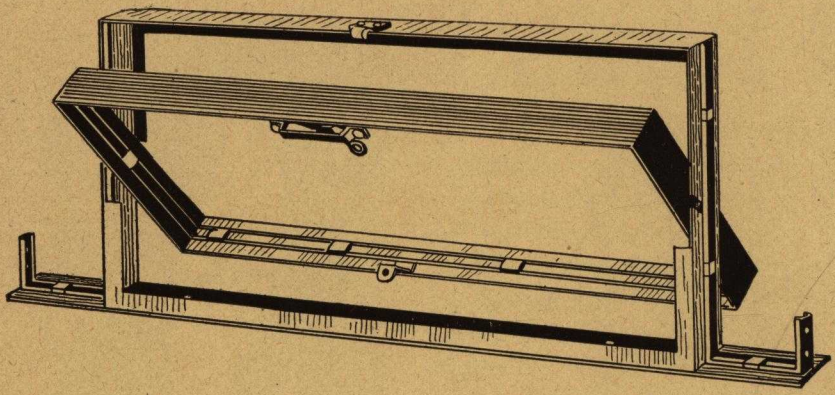
Note the absolutely square corners. For smoothness of finish and precision in opening and shutting, they have no equal. They open and shut like a vault door, excluding all light, snow, wind and rain.

Section of D. D. Bottom Ventilator.

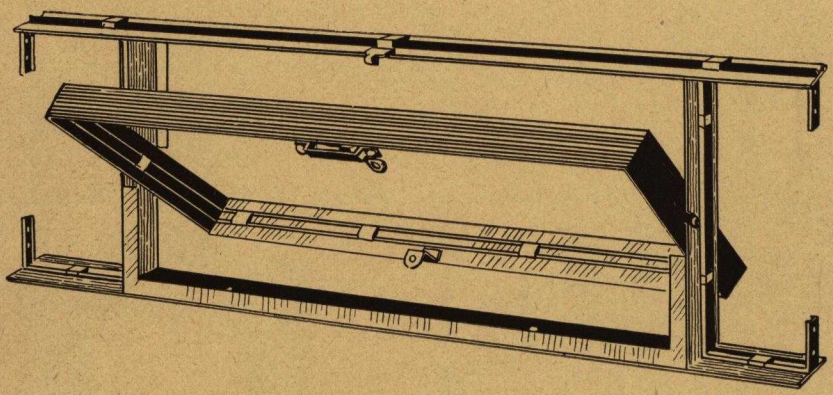


Regular D. D. Bottom Ventilator.



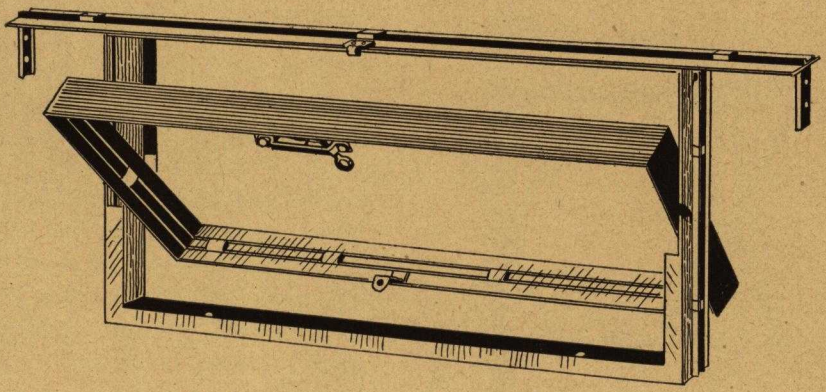


DOUBLE DOUBLE
TOP EXTENSION VENTILATOR



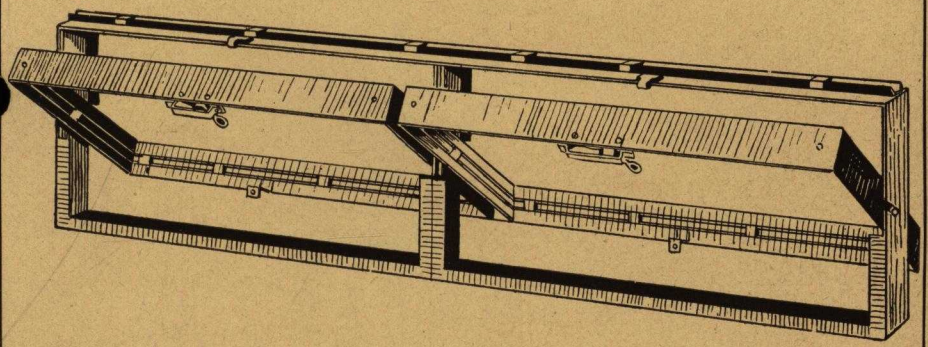
DOUBLE DOUBLE
MIDDLE EXTENSION VENTILATOR

All Extension Ventilators are generally used for wide windows.



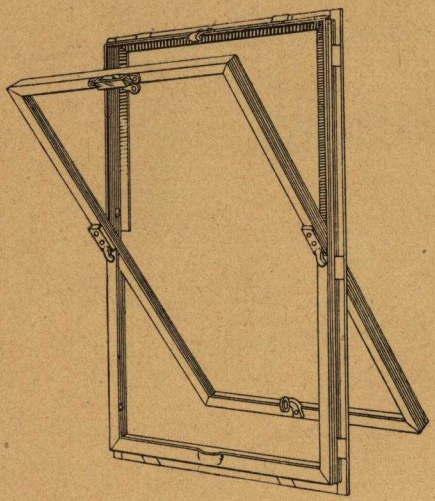
DOUBLE DOUBLE
BOTTOM EXTENSION VENTILATOR

All Extension Ventilators are generally used for wide windows.



DOUBLE DOUBLE
BOTTOM TWIN VENTILATOR

Used for Extra wide openings. Will not jam and will work freely.



PRISM VENTILATOR

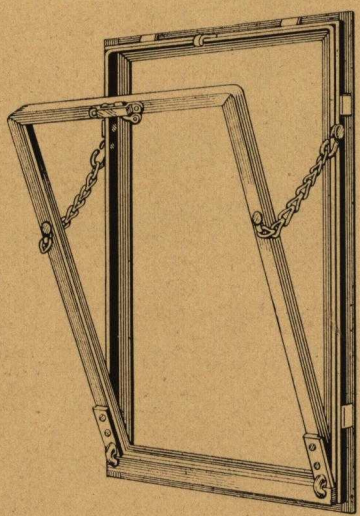
This cut represents our Prism Ventilator. Outer frame is ¾" angle, galvanized; swinging frame ½" angle, galvanized; pivot hinge and lock; malleable iron cord ring; galvanized angle or channel all around outside to connect with glass; pivot in center, or hinged at bottom for screens. Same can be pivoted above center, self-closing, without cord ring at bottom.

CLEVELAND SPECIAL PRISM VENTILATOR

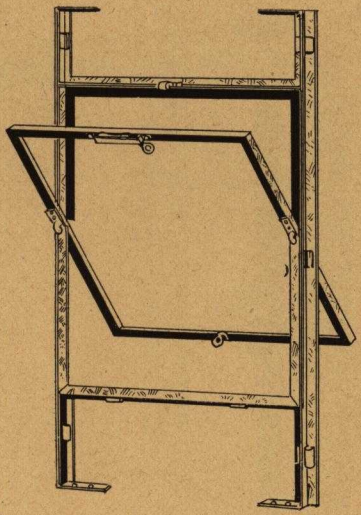
All Galvanized

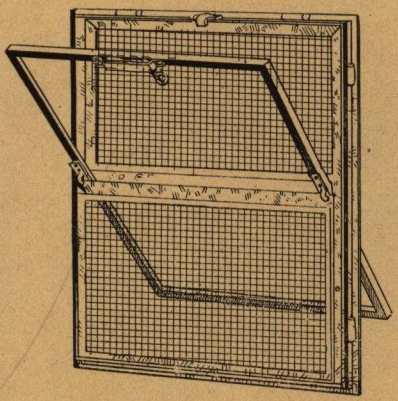
Outer frame ¾ inch angle.
Inner frame ½ inch angle.

Can be furnished with one piece Screen if required.



UPRIGHT EXTENSION
PRISM VENTILATOR

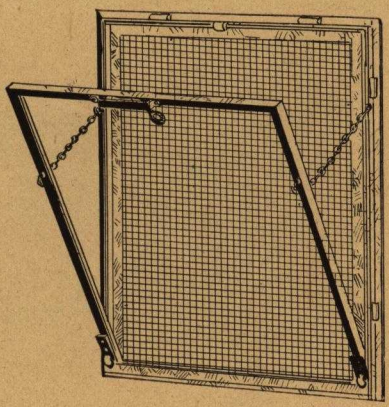




PRISM VENTILATOR

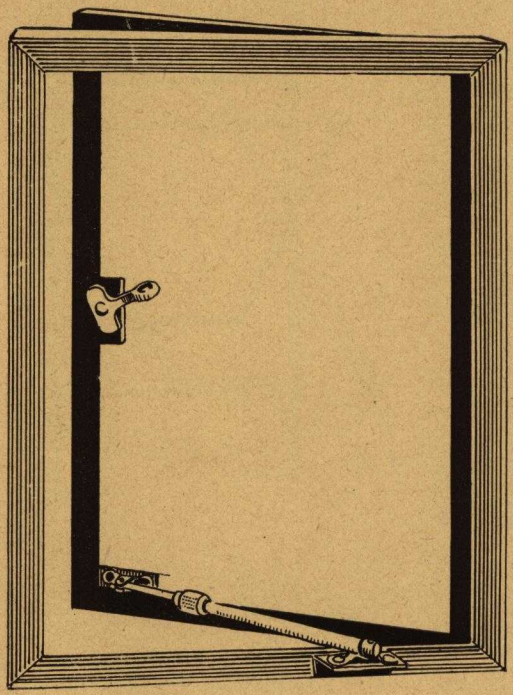
All Galvanized

Outer frame ¾ inch angle.
Inner frame ½ inch angle.
With Screen.



CLEVELAND SPECIAL
PRISM VENTILATOR

All Galvanized. Hinged at Bottom with detachable Screen.

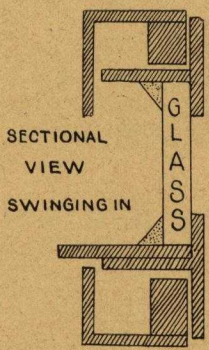


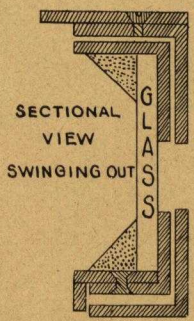
National Casement

Hinged at side to open right or left.

Can be made to swing inward.

To give better satisfaction should be made to swing outward.



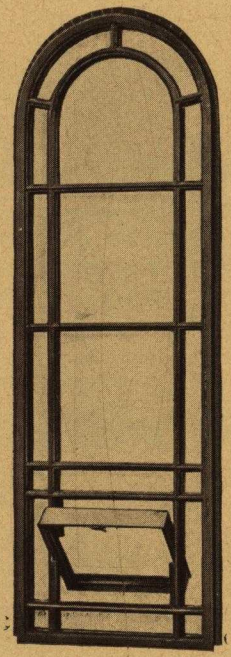


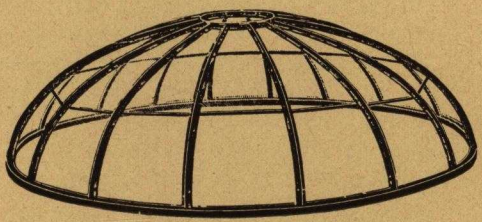
Double Glazing Steel Sash

For Church Windows

Showing Ventilator at bottom of window

Close net prices quoted promptly on receipt of specifications.

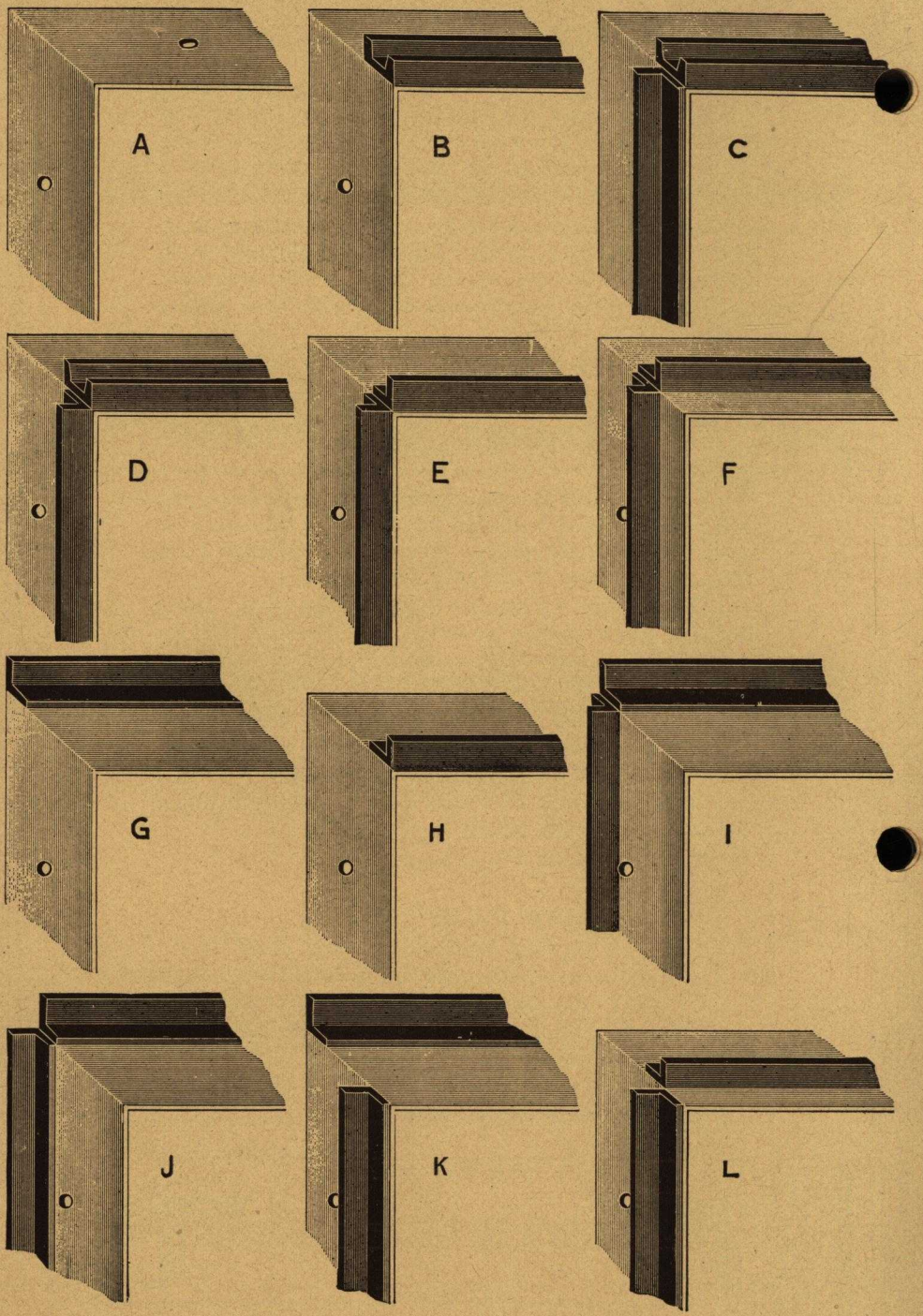




DOMES AND CANOPIES
(For Art Glass)

We make a specialty of Dome and Canopy work; send in your blue prints and let us quote you prices.

Our equipment is complete for this line of work and we can guarantee prompt shipments and high grade work.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K
L

Sash Bars for Art Glass Windows

We show on the following pages Metal Sash Bars which are most frequently called for, but we can furnish other styles if required. Sash Bars made in ZINC, COPPER, BRASS or COPPER-PLATED.

Our prices will follow closely the market changes of the raw material.

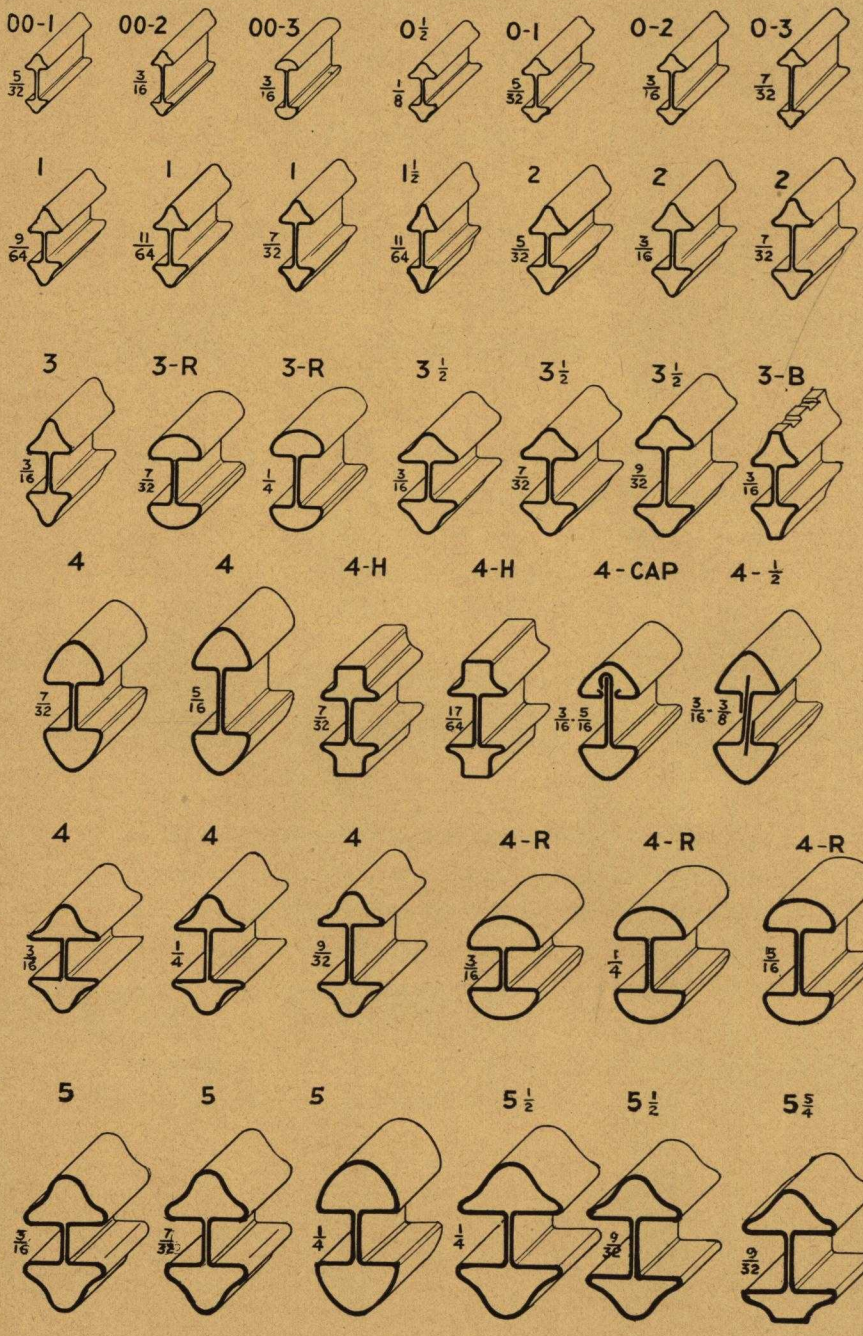
An extra charge will be made on lots of less than 200 pounds. Quantity discount on large lots.

We carry SMOOTH GALVANIZED BAND STEEL IN STOCK. It comes in 100-lb. bundles, 12 feet long.

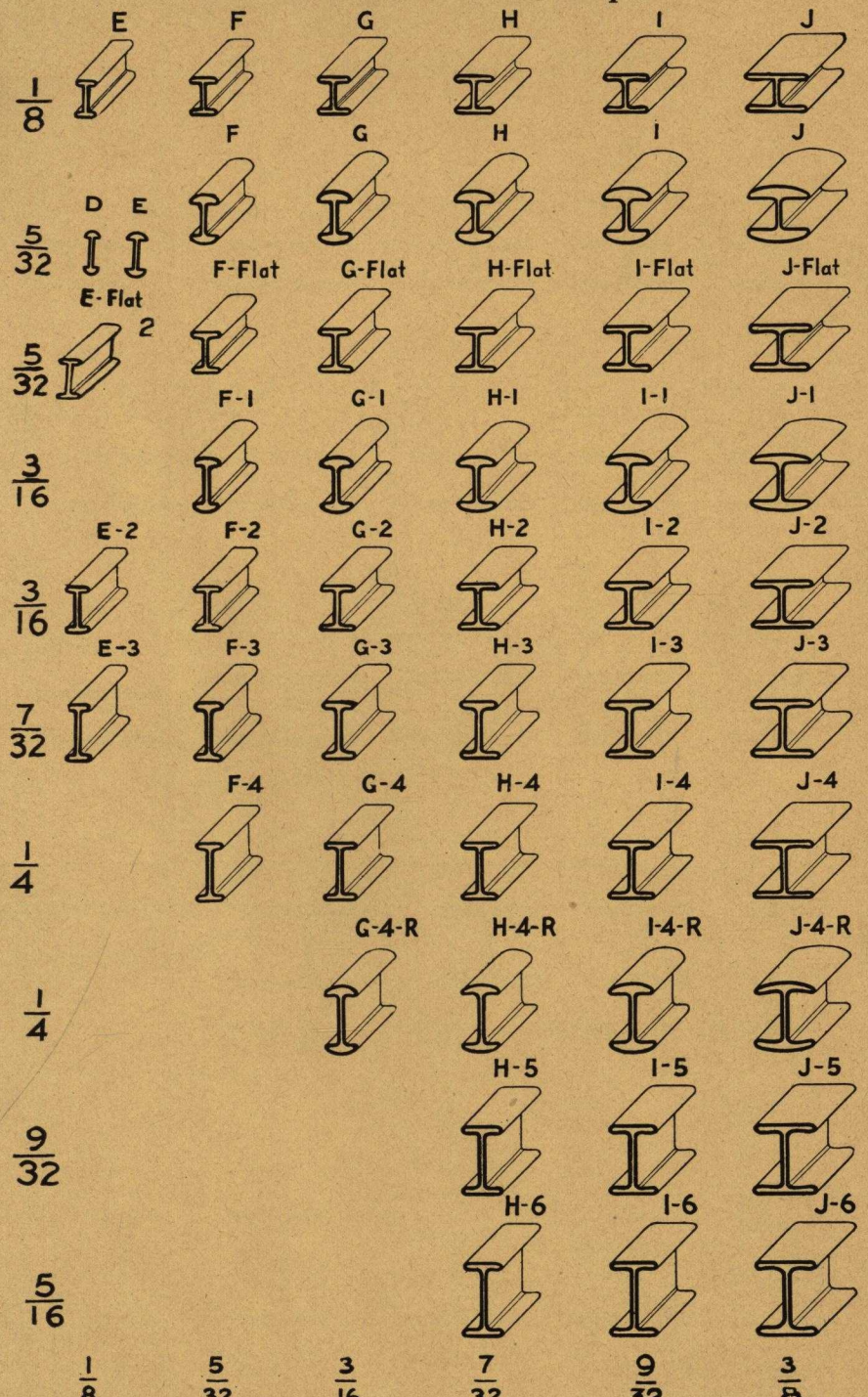
Parties with whom we have no open account are requested to furnish references when placing their first order; if references are satisfactory we will be glad to extend credit, otherwise shipments will be made with B. L. attached to draft.

When ordering Sash Bars always state the number above the cut.

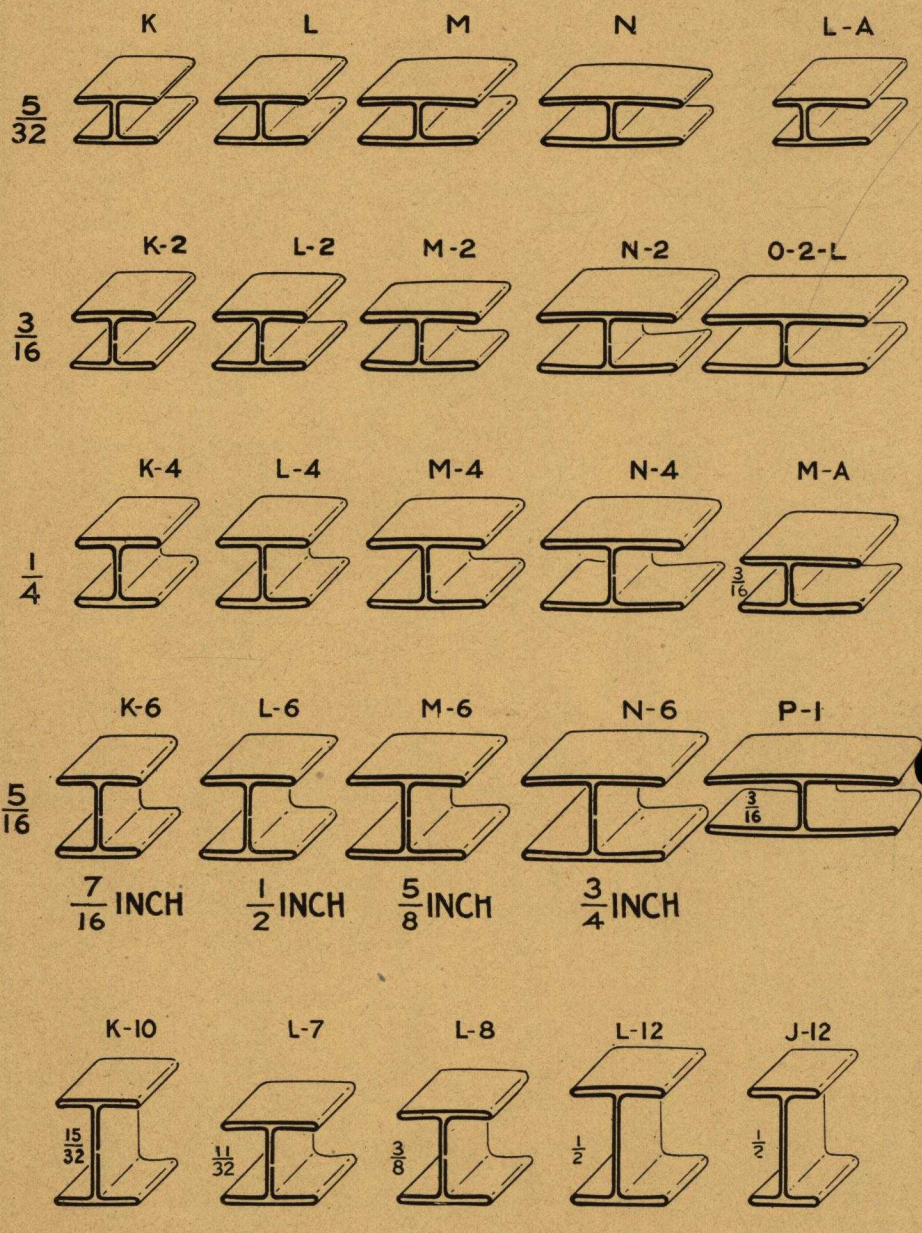
INNER BARS—Colonial and Round



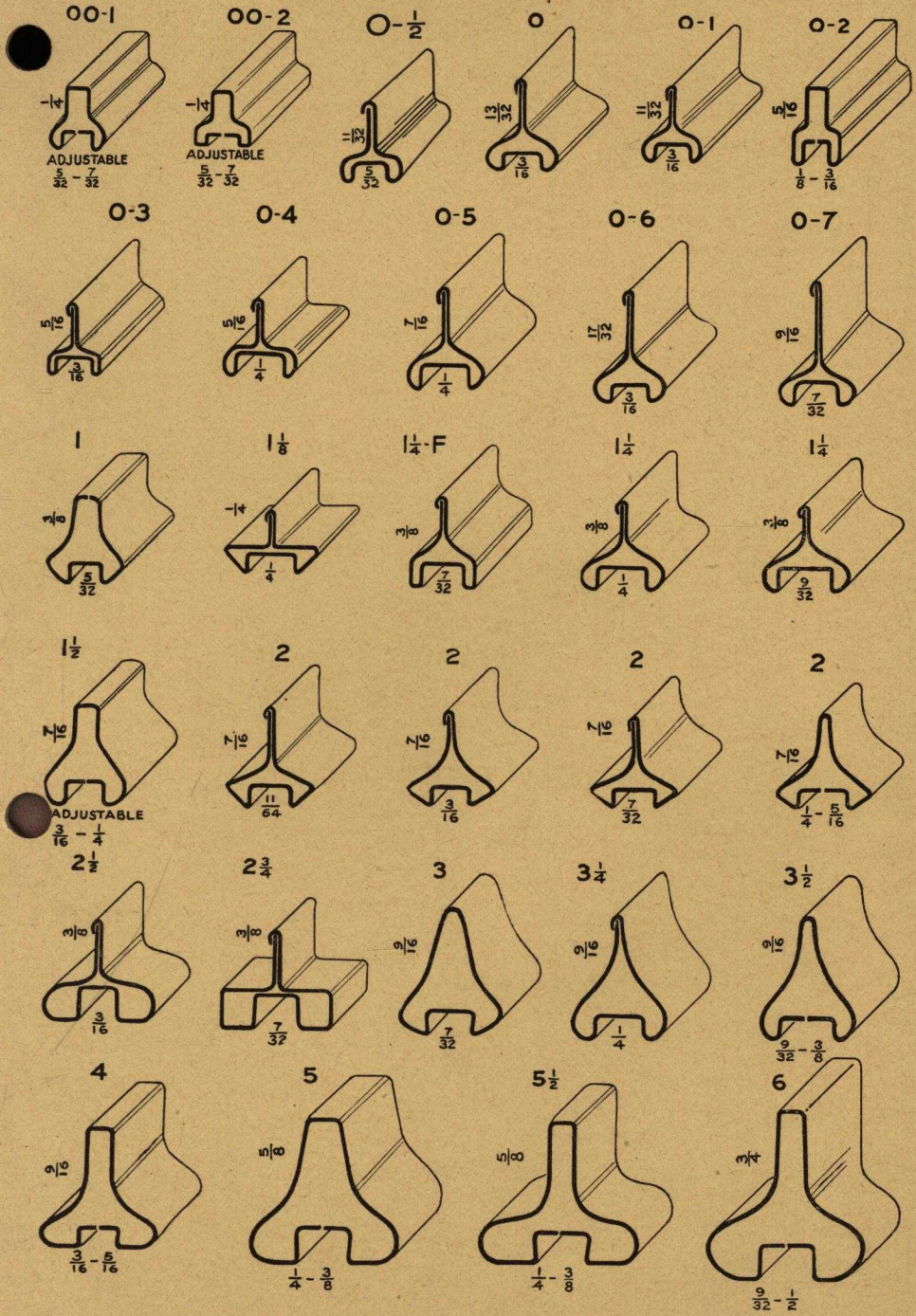
INNER BARS—Lead Shapes



INNER BARS—Lead Shapes



OUTER BARS


00-1
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ADJUSTABLE
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00-2
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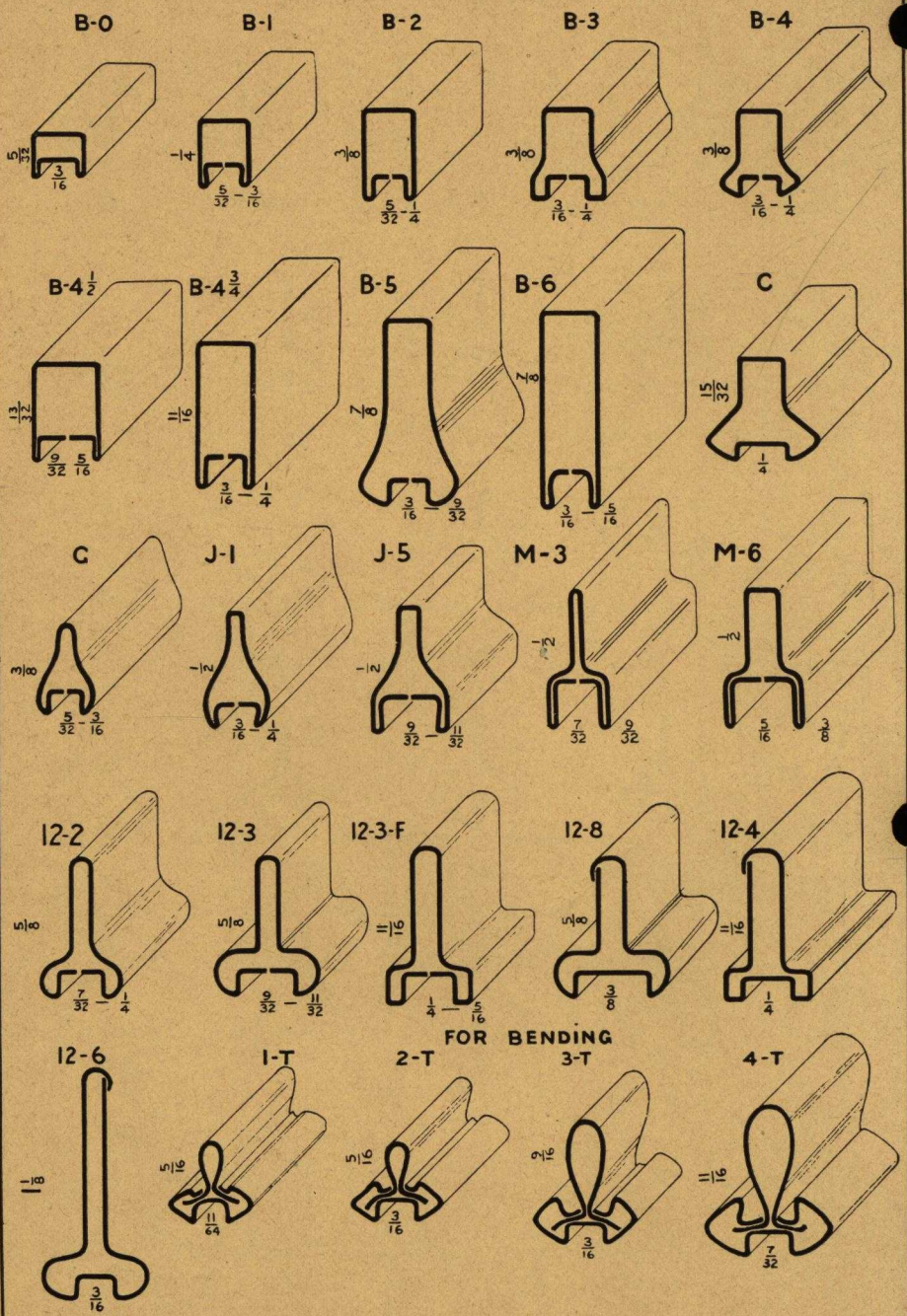
OUTER BARS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12-6
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3-T
4-T
FOR BENDING